O-PHOS

User Guide

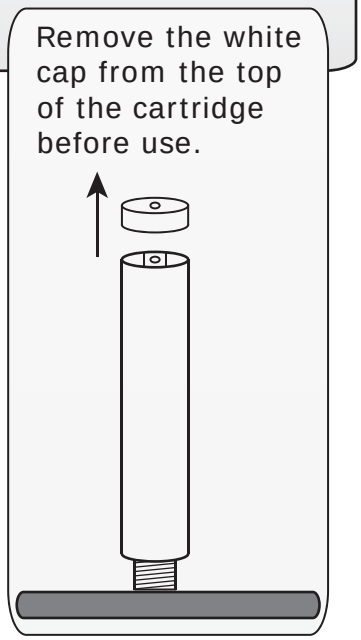
O-PHOS User Guide

Assembly

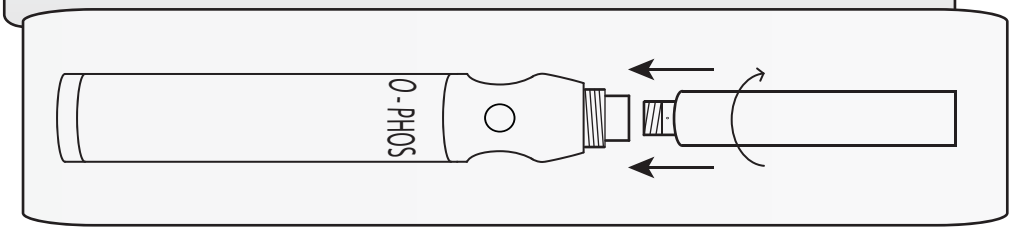
The O-PHOS vaporizer is a portable extract vaporizer, that uses the Warp 9 Technologies Extract Cartridges. The only cartridges that use pure extract oils with no need for carrier agents or cotton in the cartridge. Using a standard USB charging jack built right in, makes charging the O-PHOS convenient and flexible.

Prerequisites:
- O-PHOS vaporizer
- Warp 9 Technologies Extract Cartridge already filled with no less than 0.5 grams and no more than 1 gram of extract.

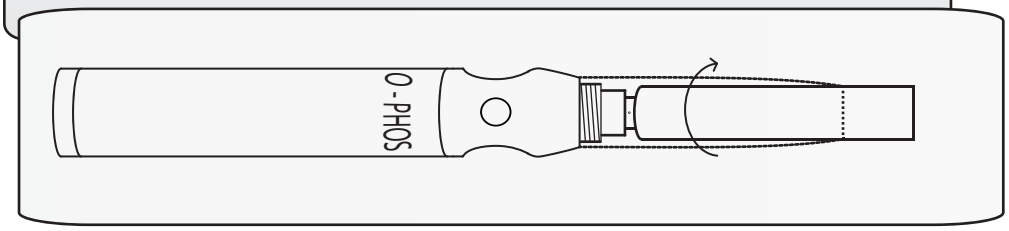
1. Remove the white cap from the top of the cartridge. The top is the end opposite of the threads.



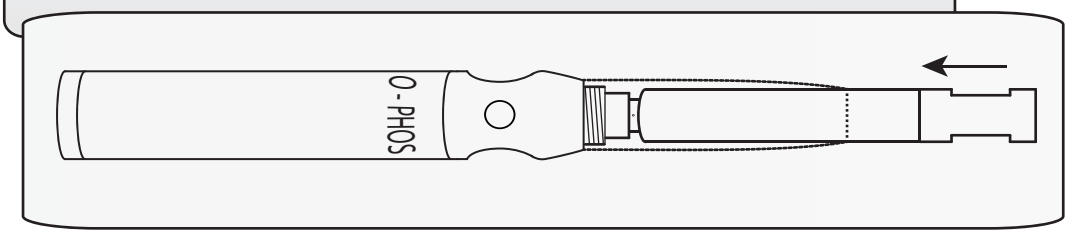
2. Screw the cartridge into the O-PHOS until snug.



3. Place sleeve over the cartridge and screw onto the O-PHOS vaporizer.



4. Place mouth piece onto the exposed end of the the cartridge.



O-PHOS Safety Lockout

To toggle the lockout feature of the power button on your O-PHOS, very quickly press the power button 5 times in a row until the blue light flashes 3 times. To test the current on/off state, just press the power button once. If the blue light comes on the lockout is deactivated. The safety lockout feature is great to prevent your O-PHOS from accidentally being activated.

Copyright © Utopia Planitia Technologies 2012

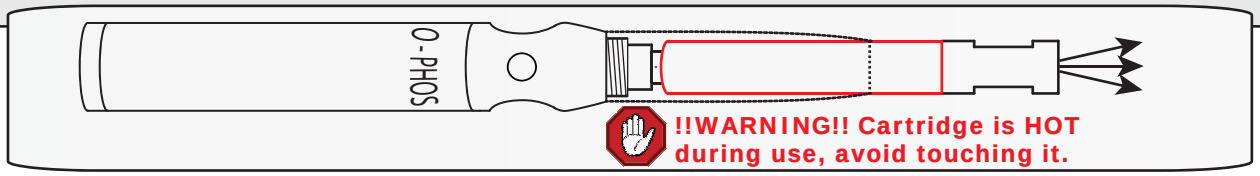
Distributed by www.w9tech.com

O-PHOS User Guide

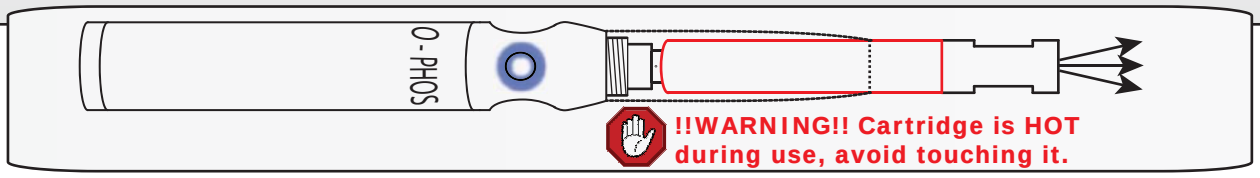
Priming and Use

Prerequisites:
- O-PHOS vaporizer
- Warp 9 Technologies Extract Cartridge already filled with no less than 0.5 grams and no more than 1 gram of extract attached to your O-PHOS vaporizer.

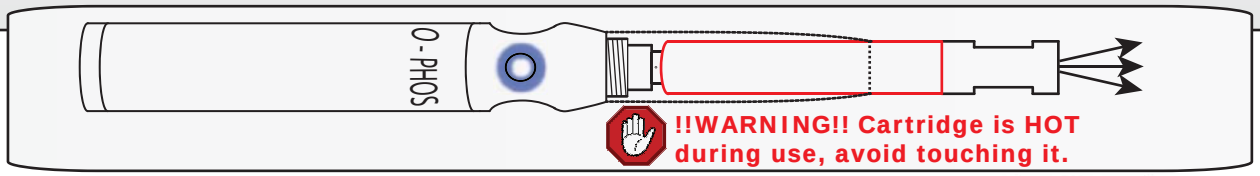
1. Depending on how long your cartridge has been stored for, the temperature, orientation of it during storage and thickness of your extract, the cartridge may or may not need priming. All newly filled cartridges should be primed before use. To test, place the mouthpiece in your mouth and try to gently suck air through using only your mouth sherlock style, not your lungs, while pressing the button for 2-4 seconds.
If you feel and taste vapor, go to step 3.
If you did not feel or taste vapor, go to step 2.



2. **Priming:** Press and hold the power button on the O-PHOS for 3-5 seconds and let go. Immediately try to gently suck air through using only your mouth sherlock style, not your lungs. Keep repeating this cycle until you can feel and taste vapor, sometimes you will hear or feel a tiny pop and then air will start flowing.
Never inhale hard using the O-PHOS, this will result in extract being pulled into the air tube causing clogging.



3. **A.** *Using your lungs*, very slowly inhale while holding down the power button for no longer than 6 seconds. Some users find it difficult to inhale slowly enough and have greater success using method B.
B. *Using your mouth*, very slowly suck, filling only your mouth with vapor while holding down the power button for a maximum of 6 seconds. Remove the O-PHOS from your lips and inhale the vapor in your mouth deeply.
For both methods, continue drawing air through the cartridge for 2 - 3 seconds after releasing the power button to help prevent clogging.
Always allow the cartridge to cool between hits.



Copyright © Utopia Planitia Technologies 2012

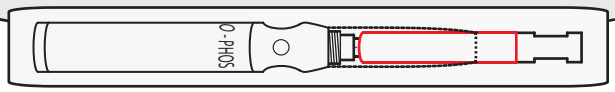
Distributed by

www.w9tech.com

O-PHOS User Guide

Flow Chart

Remove the white cap from the top of the cartridge. Place the mouthpiece in your mouth and try to gently suck air through using only your mouth sherlock style, not your lungs while holding down the power button for 2-6 seconds.



If you feel and taste vapor

!!WARNING!! Cartridge is HOT during use, avoid touching it.

A. *Using your lungs*, very slowly inhale while holding down the power button for no longer than 6 seconds. Some users find it difficult to inhale slowly enough and have greater success using method B.
B. *Using your mouth*, very slowly suck, filling only your mouth with vapor while holding down the power button for a maximum of 6 seconds. Remove the O-PHOS from your lips and inhale the vapor in your mouth deeply. For both methods, continue drawing air through the cartridge for 1 - 2 seconds after releasing the power button to help prevent clogging.

Advanced Techniques

!!WARNING!! Cartridge is HOT during use, avoid touching it.

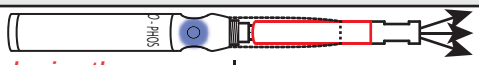
Increase the size of your hit by slowly inhaling for no more than 5-6 seconds (auto off occurs at 7 seconds) keep slowly inhaling while quickly releasing and pressing the power button for another 5-6 seconds. Cycle the power button every 5-6 seconds while continuing to very slowly inhale until your lungs are full.

Sherlock Style: Increase the size of your hit by slowly using your mouth only to inhale the vapors into your mouth for no more than 5-6 seconds (auto off occurs at 7 seconds). Release the power button and quickly inhale the vapors that are in your mouth into your lungs and repeat the cycle until your lungs are full.

When your session is finished, place the white cap back onto the cartridge, sit back and relax!

If you did not feel or taste vapor

Press and hold the power button on the O-PHOS for 5 seconds and let go. Press and hold the power button again while gently sucking and building pressure using only your mouth sherlock style, not your lungs.



Never inhale hard using the O-PHOS, this will result in extract being pulled into the air tube causing clogging.

!!WARNING!! Cartridge is HOT during use, avoid touching it.

Vapor flow now?

Yes

No

Try again 10 times

Vapor flow now?

Yes

No

Take a pin or straightened paper clip and VERY GENTLY insert it into the air tube until it touches the heating element at the bottom.

Vapor flow now?

Yes

No

Please open a support ticket at www.w9tech.com and you will be contacted to have your problem resolved.

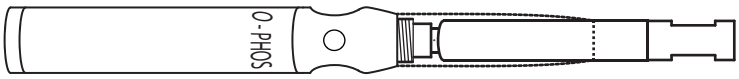
Copyright © Utopia Planitia Technologies 2012

Distributed by

www.w9tech.com

O-PHOS User Guide

Maintenance Instructions



Your O-PHOS Vaporizer has been designed to be easy to care for and maintain.

By following these simple maintenance steps, you will keep your O-PHOS Vaporizer performing at peak performance.

Depending on your frequency of usage, the electrical contact points should be cleaned at least once every 3 - 7 days. The O-PHOS vaporizer uses relatively low voltage to operate and even a small amount of residue on the contact points and/or threads can reduce the voltage flow, impeding the performance of your O-PHOS.

A. To clean the electrical contact points and threads, take a cotton swab (Q-Tip) and dip one end into some Isopropyl Alcohol (ISO). The higher percentage of purity, the better, try to use as close to 99% ISO as you can.

B. Using the ISO dampened end of the cotton swab, gently scrub and clean any residue from all the contact surfaces and threads on your **cartridge** and **O-PHOS**.
The contact surfaces are all the areas that make contact with each other when a cartridge is screwed into the O-PHOS.

C. Once cleaned, use the dry end of the cotton swab to help the drying process by gently running it over the areas just cleaned. Be careful that no cotton gets left behind on any surfaces or threads.

After every thing is completely dry, lightly touch the contact areas and threads with your fingers. If you feel any tacky areas, please repeat the cleaning procedure steps A - C again until all the contact areas and threads are tack free.

DO: Use ISO to clean the contact areas and threads on your cartridge
DO: Use ISO to clean the contact areas and threads on your O-PHOS
DO: Keep the protective cap on that covers the USB port when not plugged in
DON'T: Submerse your cartridge, O-PHOS or charger in any liquid
DON'T: Try to clean out a cartridge by filling it with ISO
DON'T: Leave behind any lint or cotton on the cleaned surfaces or threads
DON'T: Screw the cartridge on to the O-PHOS without cleaning both first
DON'T: Allow the weight of the O-PHOS to hang from the charger
AVOID: Using cartridges that have had their seals damaged and/or thin oil put in them, causing them to leak.

DO NOT allow the weight of your O-PHOS to hang from the charger at any time. This can cause damage to the charger as well as to your O-PHOS.

Copyright © Utopia Planitia Technologies 2012

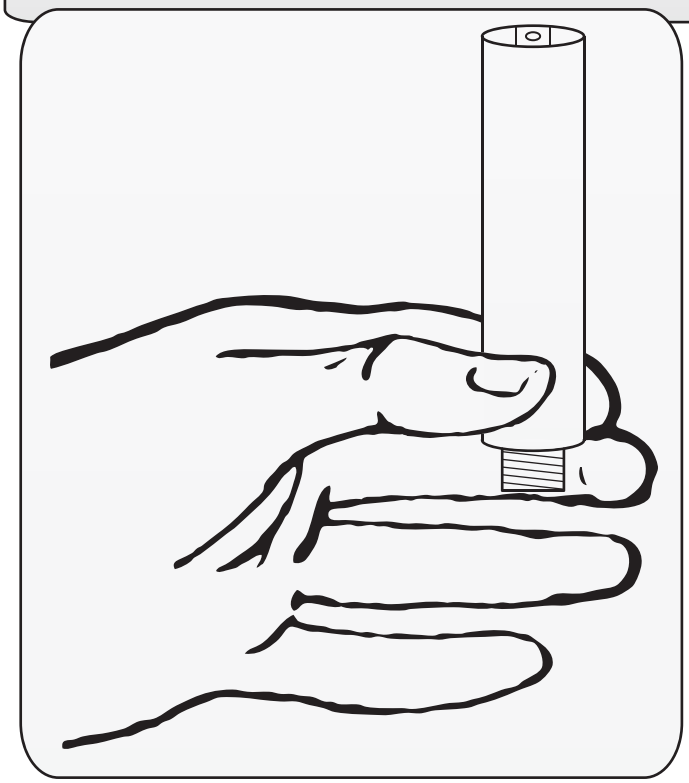
Distributed by www.w9tech.com

O-PHOS User Guide

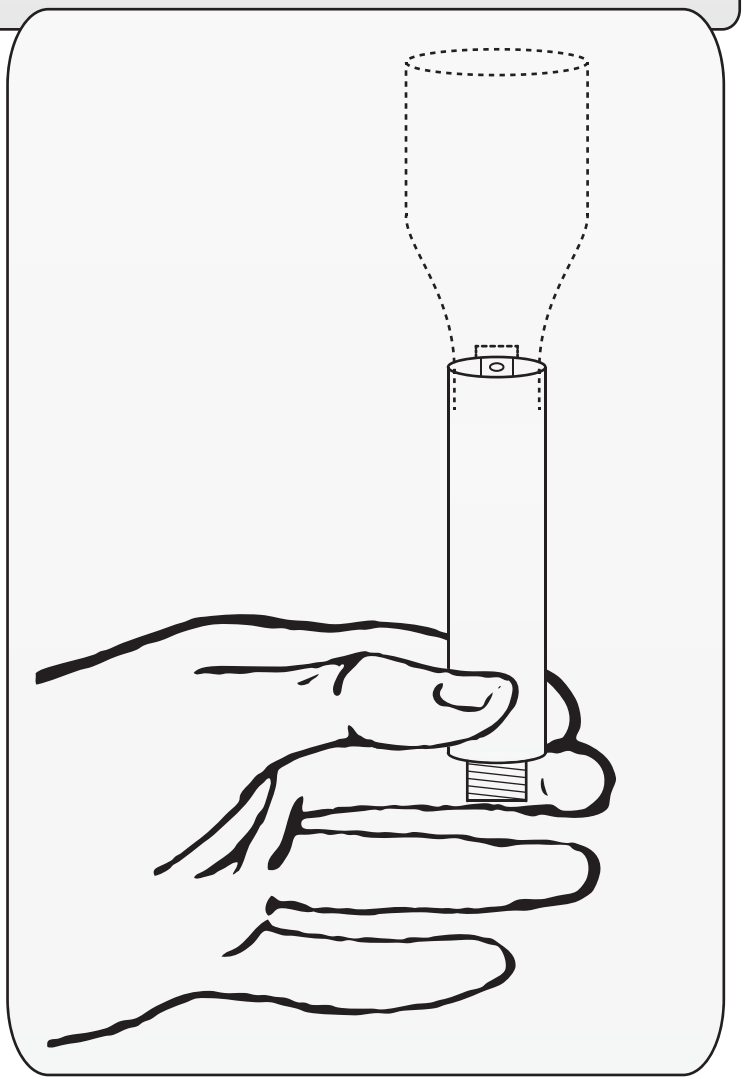
Cartridge Filling Instructions

Prerequisites:
- Select a level, flat and smooth heat resistant surface to work on i.e. granite kitchen / bathroom counter
- Jet flame lighter recommended, regular lighter will also work
- Cartridge Fill Tool

1. Hold the cartridge upright, grasping it between your thumb and forefinger just above the threads.



2. Place Fill Tool onto the top of the cartridge. The air tube hole will be covered by the deflector built into the Fill Tool.

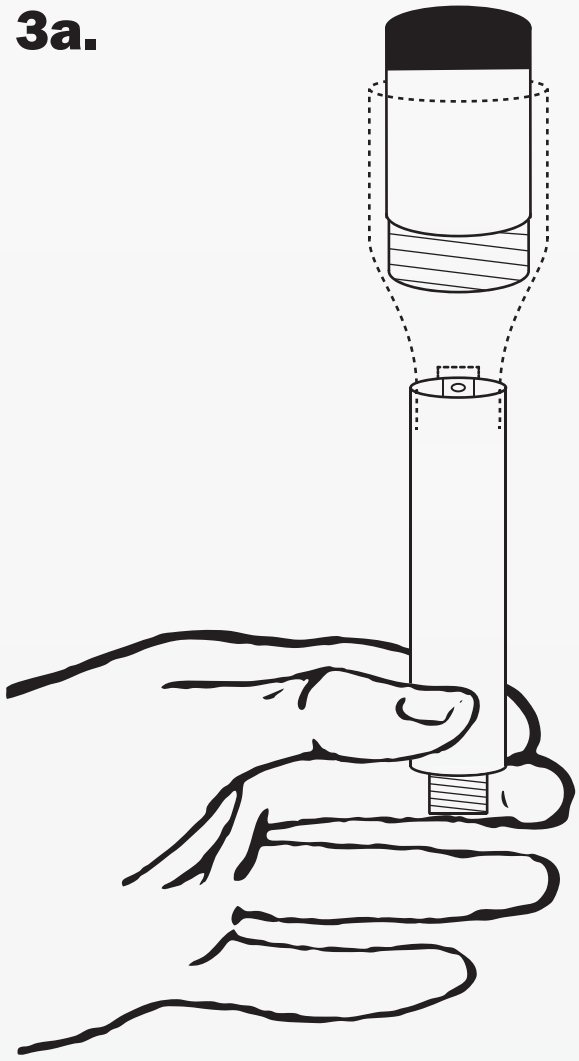


The Fill Tool has been designed for a very tight precise fit onto the top of the cartridge. Some force might be required the first time a new cartridge gets fitted with the Fill Tool.

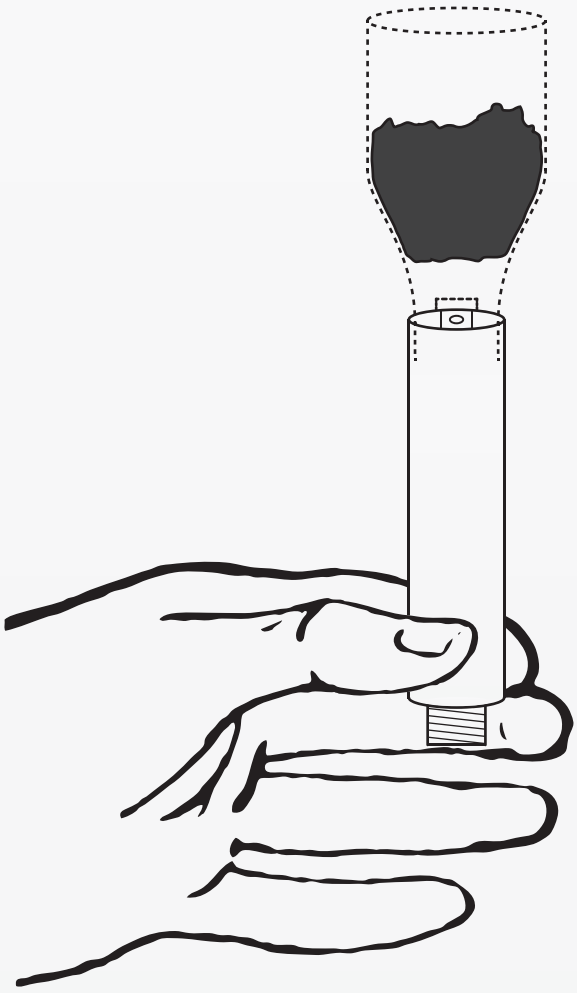
Copyright © Utopia Planitia Technologies 2012

3. If your extract is in a vial, place the vial into the Fill Tool upside down and with the vial cap off (3a). If your extract is not in a vial, just load it directly into the Fill Tool (3b). Remember ! **0.5 gram minimum and 1.0 gram maximum**.

3a.



3b.



Copyright © Utopia Planitia Technologies 2012

O-PHOS User Guide

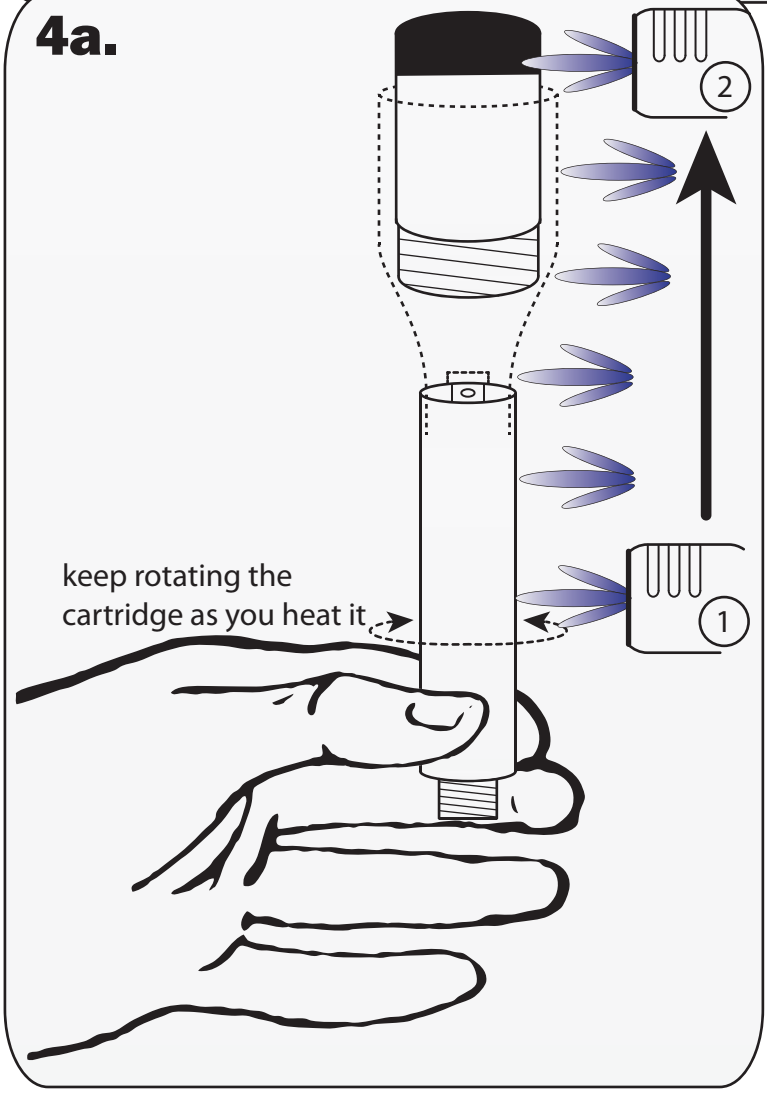
Cartridge Filling Instructions

The goal during cartridge filling is to get all your extract into the bottom of the cartridge using as little heat as possible, but as much as needed. We want to avoid any cold spots on the cartridge walls to help prevent any melted extract from solidifying on the way down and causing an air gap or blockage of any kind.

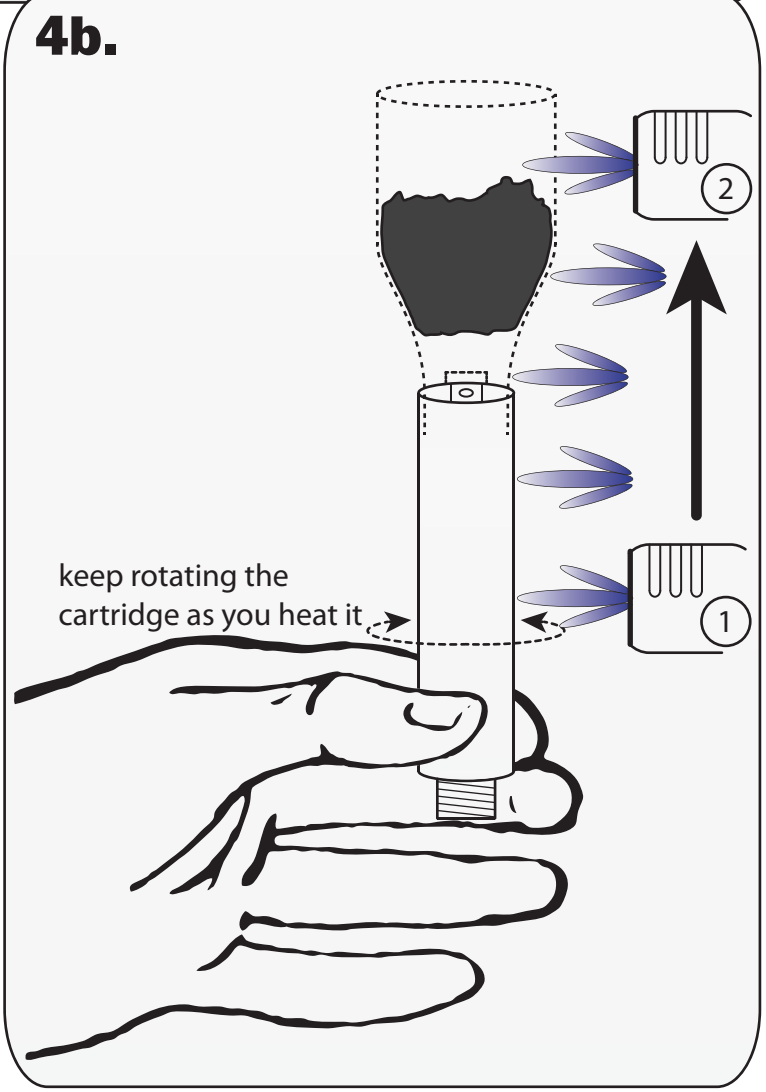
4. Gently start to apply heat with your torch lighter on a low setting. Preheat the center of the cartridge first, just above your fingers (1) until you feel the cartridge body get warm. Keep rotating the cartridge so it heats all around evenly. Once you feel heat working down, move the flame slowly up the cartridge toward the top (2) with plenty of heat (just short of smoke being visible). As long as your fingers don't get too hot in which case stop, let it cool, and repeat again if necessary. If the cartridge gets too hot to hold, you are applying too much heat.

DO NOT overheat the cartridge!

4a.



4b.

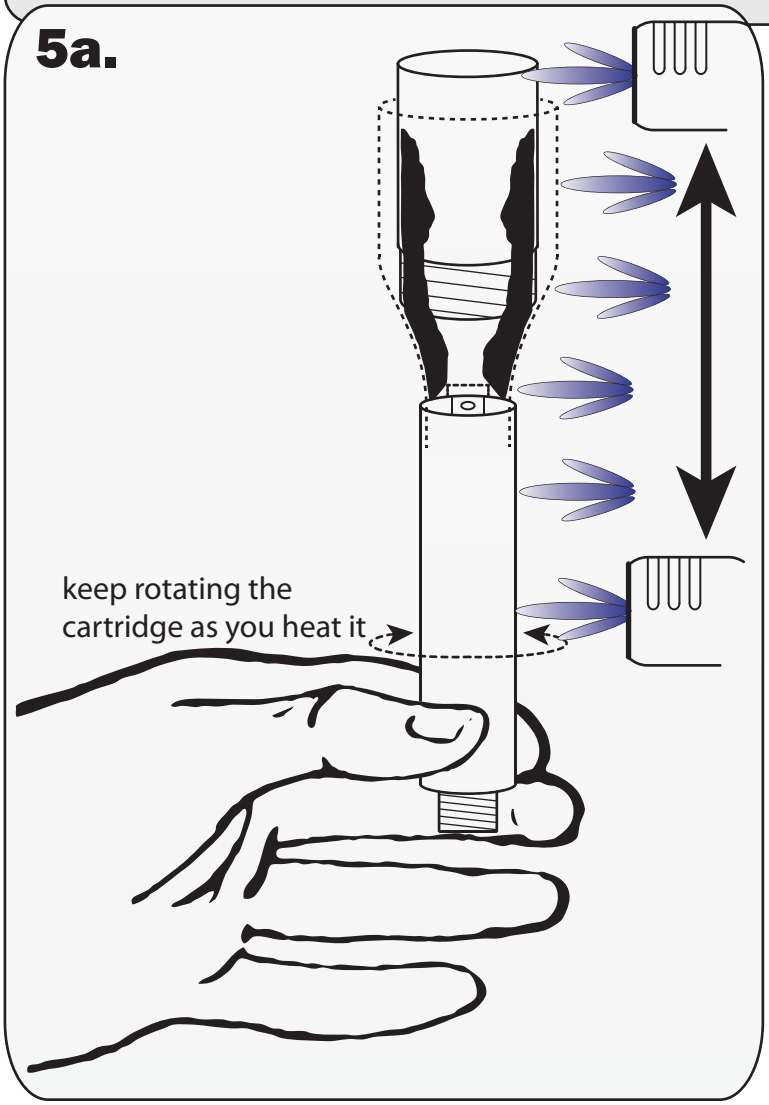


Copyright © Utopia Planitia Technologies 2012

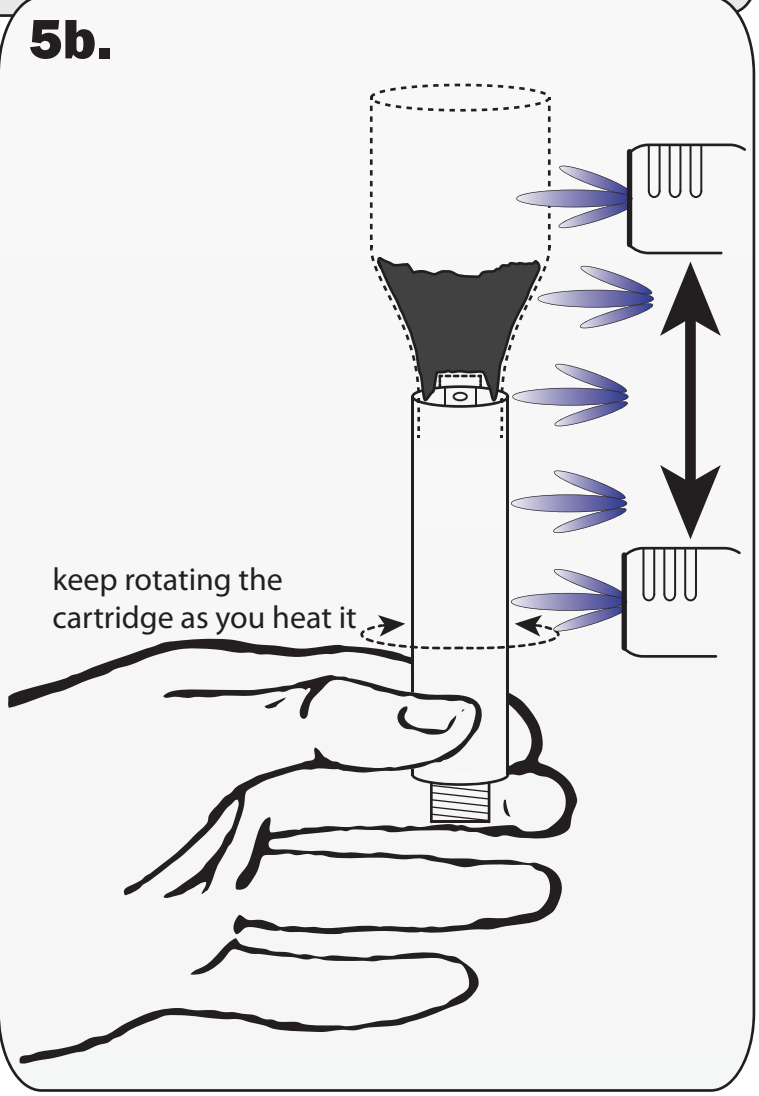
5. Keep applying heat with your torch lighter on a low setting, moving the flame up and down from the top of the vial 5a or Fill Tool 5b down to just above your fingers. Keep rotating the cartridge so it heats all around evenly. You should see your extract start to liquefy and run down the Fill Tool and into the cartridge.

DO NOT overheat the cartridge!

5a.



5b.

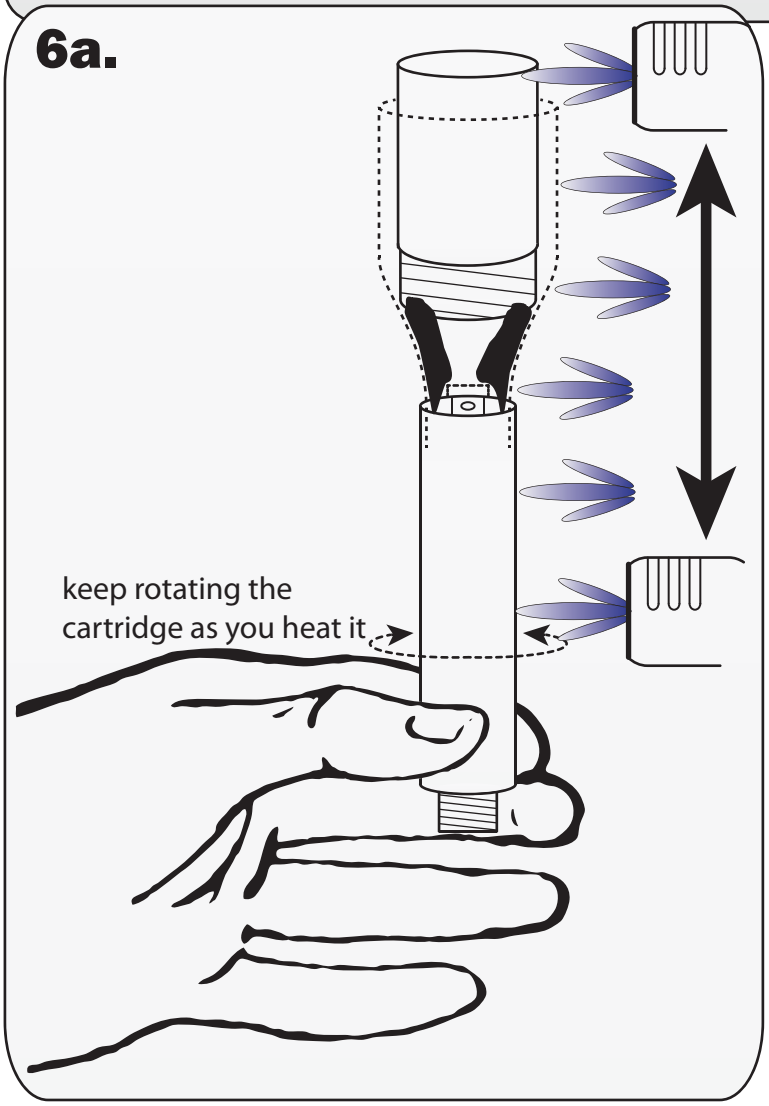


Copyright © Utopia Planitia Technologies 2012

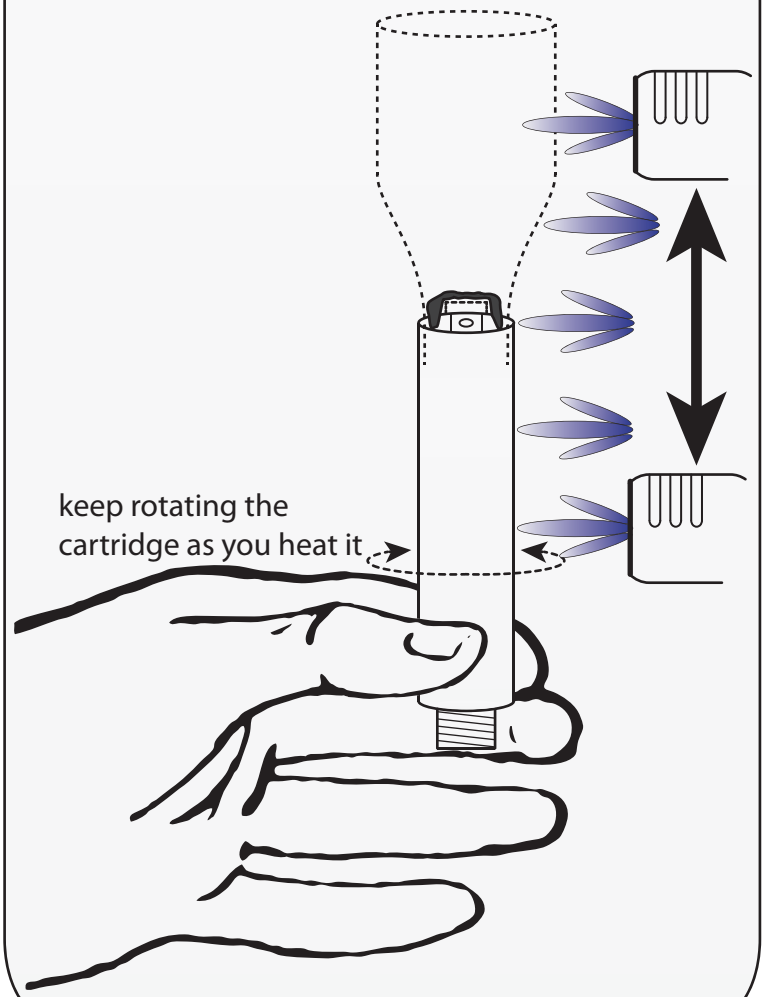
6. Once the extract begins to flow into the cartridge, move your torch lighter back down to heat the Fill Tool and cartridge until all of your extract is in the cartridge. After about 25 - 30 seconds of heating, the part of the cartridge under your fingers will get really hot, stop heating. Let the Fill Tool, vial and cartridge cool down for 3 minutes before touching them!!!

DO NOT overheat the cartridge!

6a.



6b.



Copyright © Utopia Planitia Technologies 2012

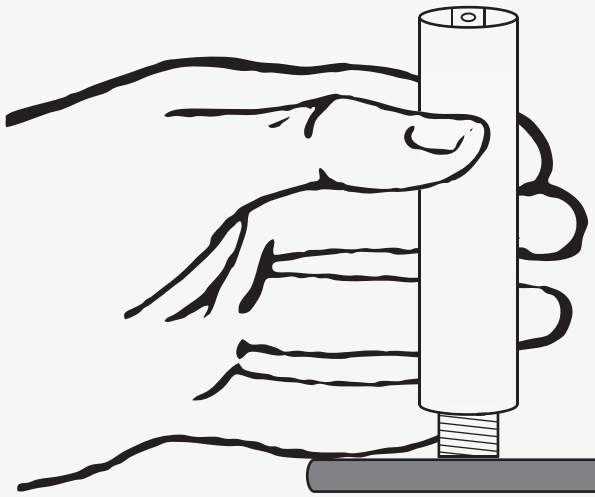
Cartridge Filling Instructions

7. Once cool, remove the vial (7a) and then the Fill Tool (7b). The cartridge is now ready for use.

7a.

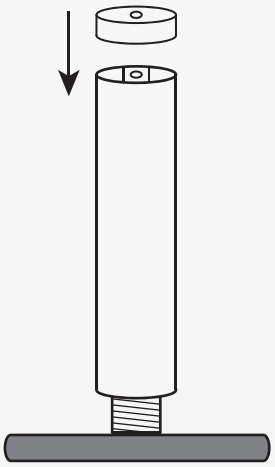
!!! Let the Fill Tool, vial and cartridge cool down before touching them !!!

7b.



8. If you are going to store the cartridge then place the white cap on the end.

Place white cap on for storage, or leave off for instant use.



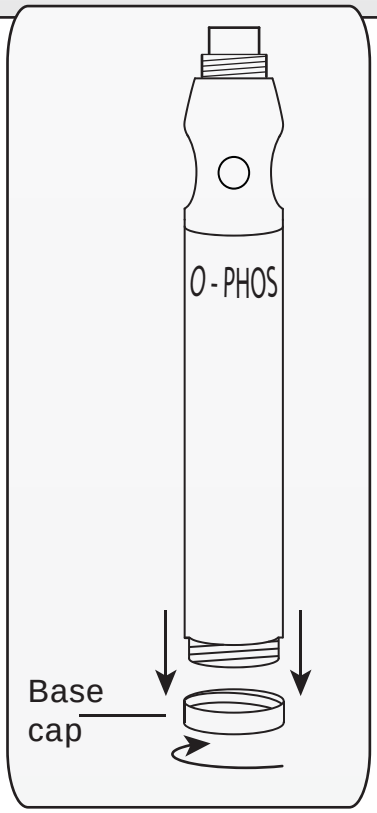
Copyright © Utopia Planitia Technologies 2012

O-PHOS User Guide

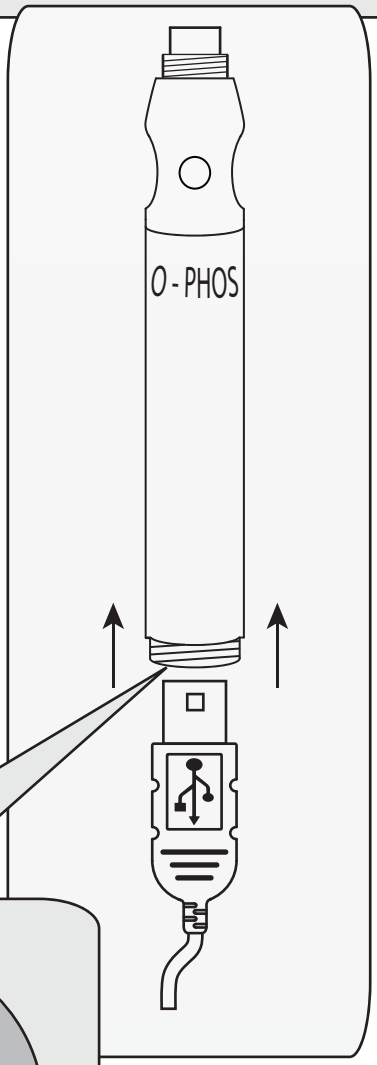
Charging Instructions

O-PHOS uses a USB pass-thru charging system. This allows the O-PHOS to be used while charging. The O-PHOS is always powered by its built in lithium ion cell, even while connected to the USB charger.

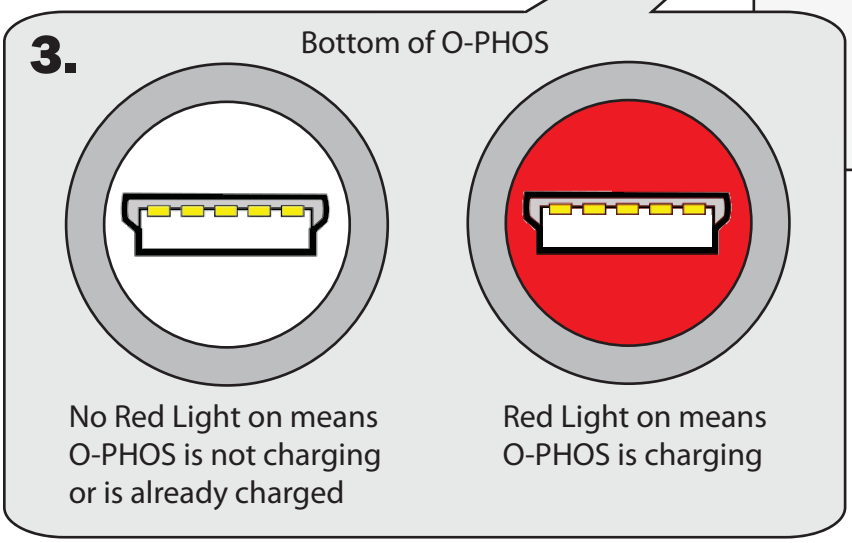
1. Unscrew the O-PHOS base cap by turning it counter clockwise.



2. Plug the USB cable into the USB port on the bottom of the O-PHOS.



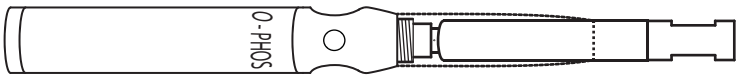
3.



Copyright © Utopia Planitia Technologies 2012

O-PHOS User Guide

FAQ's



Q. What are the DO's and DON'T's?

A. DO: Take the white cap off the cartridge before use and replace after use
DO: Pull air through the cartridge VERY SLOWLY
DON'T: Blow air into the cartridge, you will damage the seals
DON'T: Get any oils, waxes etc. into the air hole during filling
DON'T: Heat below the top 3/4 of the cartridge or you might damage the seals
DON'T: Inhale hard, you will suck too much extract into the vaporization chamber causing a clog
AVOID: Extract oils that are too thin or runny at room temperature, or poorly processed / purged

Q. Will the Extract cartridges fit other ecig batteries?

A. The refillable Pure Extract cartridges were specifically designed for the Omicron, Omicron v2, Persei and O-PHOS only.

Q. What types of essential oils can I use?

A. Any essential oil that will liquify with heat and thicken at room temperature that was not produced using water or ice extraction. There can be no plant material left in the extract i.e. bho, earwax, putty, shatter, cO2, nitro etc.

Q. Can I remove the white cap?

A. We recommend removing the white cap before use and putting it back on after your session if you will be storing the cartridge in a warm area on its side. Otherwise the white cap is not needed.

Q. My cartridge is leaking, what can I do?

A. The most common reasons for leaking cartridges are:

- Overheating the cartridge during filling and the seals are now damaged
- Blowing air into the cartridge trying to clear a clog, the seals are now damaged
- Inhaling too hard, try sucking very slowly and lightly
- Inhaling too soft, try sucking a little harder, but not too hard
- Over filling the cartridge, 1 gram is the maximum capacity
- Using oil that is too thin or low quality / poorly processed / purged will leak

If your seals are damaged, it is best to reclaim your extract by turning the cartridge upside down, heating it and collecting the extract that drips out to put into a new cartridge.

Q. My blue light keeps flashing, what is causing this?

A. You are holding the button down for more than 7 seconds and the battery protection is kicking in. Let go of the button and wait for light to stop flashing and wait 10 seconds before pressing it again.

Q. I hear bubbling sounds when I inhale, is this normal?

A. No, bubbling is caused by extract that is too thin at room temperature and/or has impurities in it from not being processed / purged correctly. These extracts are not recommended and will cause your cartridge to clog, leak and generally underperform.

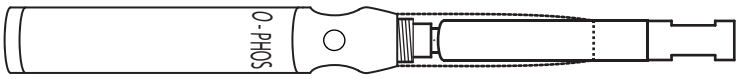
Q. My cartridge is defective, what can I do?

A. We recommend to test every cartridge before use by connecting it to the battery **before** filling it with extracts. Hold down the power button while looking down the air hole. You should see the element glowing brightly and feel the cartridge getting warm. There are no refunds or exchanges on cartridges for hygienic reasons. Packs of cartridges are sold as buy 4 get one free to insure against any defectives.

Copyright © Utopia Planitia Technologies 2012

O-PHOS User Guide

FAQ's



Q. How long does a cartridge last?

A. We claim that they will last a minimum of 400 hits or 1 gram of extract. Some users experience a lot more, but 400 is the minimum.

Q. How long does the battery last?

A. The battery is guaranteed for 1 year and a fully charged battery will last for about 175 6 second hits. Our duration is a conservative figure, based on half of the calculated number. The calculation you can use to estimate your number of hits based on your hit length is:
A 3.7 V battery and a 2.4 ohm cart will draw about 1.54 amps of current. (I=V/R)
So a 900 mAh battery will last about 0.58 hr (0.9 amp-hr/1.54 amps) or about 35 minutes of use.
6 second hits = 350 hits
5 second hits = 420 hits
4 second hits = 525 hits

Q. How long does the battery take to charge?

A. The answer to this depends on the remaining charge still left in your battery. For an empty battery to fully charge requires approx. 3.5 hours. When in charging mode the light on the bottom of the O-PHOS surrounding the USB port will be solid Red and once charging has completed the light will turn off.

Q. My blue light flashes as soon as I press the button, what is causing this?

A. If the blue light flashes as soon as you press the button, that is the low battery warning signal. This is also a good time to perform the cleaning maintenance on your O-PHOS from page 4 of this user guide.

Q. My O-PHOS does not seem to have the same power it used to?

A. This is due to a build up of resin on the contact points of the cartridge and the O-PHOS. Please follow the maintenance procedure on page 4 of this guide and clean all the contact areas of the cartridge and O-PHOS.

Copyright © Utopia Planitia Technologies 2012